

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A suction valve assembly of a reciprocating compressor comprising:

a valve supporting body formed as a disc shape and inserted-fixed to a valve mounting portion formed at a piston and provided with at least one suction hole through which a fluid introduced into a suction passage of the piston is supplied to a compression chamber of a cylinder; and

a suction valve formed as a disc shape and mounted at the valve supporting body to be rotatable within a certain range, for opening and closing the suction hole formed at the valve supporting body,

wherein the suction valve is provided with a slot formed at a center thereof for inserting a hinge pin so that the valve supporting body can be hinge-coupled, and

~~wherein~~ the slot has a certain ~~distance~~ length that the hinge pin is slidingly-moved so that the suction valve can be linearly-moved within a certain range,

wherein the valve supporting body has a pin hole, formed at the center of the valve supporting body in a diameter direction, for inserting the hinge pin, and at least one suction hole formed at one side on the basis of the pin hole and a stopper formed at another side on the basis of the pin hole, and

wherein the stopper is formed to have a certain inclination surface of which thickness becomes smaller towards an edge of the valve supporting body from a center of the valve supporting body.

2. – 6. (Canceled)

7. (Currently Amended) The suction valve assembly of ~~claim 5,~~ claim 1, wherein the suction valve is provided with an open/close portion formed at one side on the basis of the pin hole for opening and closing the suction hole of the valve supporting body, and is provided with

a stopping portion formed at another side and stopped by the stopper of the valve supporting body.

8. (Currently Amended) The suction valve assembly of claim 7, wherein the open/close portion of the suction valve is formed to have a ~~height higher~~ thickness larger than that of the stopping portion.

9. (Currently Amended) The suction valve assembly of ~~claim 5,~~ claim 1, wherein the valve mounting portion of the piston is provided with a valve seat portion at an upper inner circumferential surface thereof; and the valve seat portion is hermetically adhered to an outer circumferential surface of the valve.

10. (Original) The suction valve assembly of claim 9, wherein the valve seat portion is formed as a curved surface form so that the suction valve can be rotated, and the outer circumferential surface of the suction valve is also formed as a curved surface form corresponding to the valve seat portion so that the suction valve can be slid by being adhered to a surface of the valve seat portion.